

Amperometric determination of aluminium with the aid of
2-pyridylbenzyl-4-hydroxy-4-phenyl-1,3-butadiene. A. J. Whitelam and
D. J. H. Williams, Department of Chemistry, The Queen's University of Belfast, Belfast, Northern Ireland, Northern Ireland, U.K. and J. Mat. Fiz. Chem., UMCS, Lublin, Lublin, Poland. Ann. Univ. Mariae Curie-Skłodowska Lublin-Potomia, Sect. A, 8
(1983) 1-10. The method was first developed with
Al(III) and was later extended to relatively titratable
amounts of Al(III) in the presence of 2-pyridylbenzyl-4-hydroxy-4-phenyl-1,3-butadiene.

✓ 2010. Determination of lead in alloys as phosphate. W. Huhicki, L. Milina, C. Dziewałtowski and K. Szyman. *Ann. Univ. M. Curie-Skłodowska*, 1955, v. 10, 177-184; *Referativnyi Zhurnal*, 1955, Abstr. No. 622. —The method of Huhicki et al. (*Ann. Univ. M. Curie-Skłodowska*, 1950, 53), is applied to the analysis of Pb - Sb alloys. A sample of alloy (0.7 g) is dissolved by heat in 25 ml of conc. HNO_3 and the Sb is separated as β -stannic acid. The filtrate is evaporated to dryness and the residue is dissolved in 100 to 150 ml of cold water; 0.5 ml of conc. HNO_3 and 4 ml of H_3PO_4 (sp. gr. 1.25) are added and the pH is adjusted to 4 by adding aq. NH_3 soln. The finely crystalline ppt. of Pb_2HPO_4 is collected, washed, and dried to constant wt. at 200° C. The method is not applicable to Pb - Sb alloys; the ppt. of Sb_2O_3 absorbs some Pb and the soln. of $\text{Pb}(\text{NO}_3)_2$ is not free from Sb. E. Hayes

28 Jan

Hubicki, Włodzimierz

Category: Poland / Analytical Chemistry - Analysis of inorganic substances G-2

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30991

Author : Hubicki Włodzimierz, Matysik Jerzy

Inst : M. Curie-Sklodowska University

Title : Polarographic Determination of Lead in Liquid Ammoniate of Ammonium Nitrate

Orig Pub: Ann. Univ. M. Curie-Sklodowska, 1954 (1956), AA9, No 1-9, 1-7

Abstract: For a quantitative determination of lead salts ($PbSO_4$, PbI_2 , $PbCl_2$, $Pb(NO_3)_2$ and $PbCrO_4$) they are dissolved in NH_4NO_3 ammoniate (I) and are polarographed at 0° , the half-wave potential of Pb^{2+} , in relation to the Hg-electrode, being -0.35 v. To prepare I the NH_4NO_3 is dried first at 120° , then for several days over concentrated H_2SO_4 , after which it is saturated, at 0° , with gaseous ammonia dried over KOH. On carrying out the analysis Pb salts are dissolved (0.18-3.37 g Pb^{2+} per liter) in I and about 7 ml of the resulting solution are polarographed by means of V 301 Heyrovski polarograph. Air is removed from

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APPROVED FOR RELEASE: 09/21/2001 CIA-RDP86-00513R000618230010-0
Category: Poland / Analytical Chemistry - Analysis of inorganic substances G-2

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 30991

the equipment by blowing with dry NH_3 for 10 minutes. Polarography of Pb is interfered with by Cd^{2+} and Cu^{2+} , and to a lesser extent by Sn^{2+} , Ag^+ and Fe^{3+} . Partial evaporation of NH_3 from I does not affect the results of determinations.

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Hubicki, Włodzimierz

POLAND / Analytical Chemistry. Analysis of Inorganic G-2
Substances.

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27155.

Author : Włodzimierz Hubicki, Zofia Zychiewicz.

Inst : M. Curie-Sklodowska Universitu.

Title : Polarographic Determination of Cadmium in
Liquid Ammoniate of Lithium Nitrate.

Orig Pub: Ann. Univ. M. Curie-Sklodowska, 1954 (1956),
AA9, No. 1-9, 71 - 82.

Abstract: The possibility of the polarographic determina-
tion of Cd in liquid LiNO_3 ammoniate (temperature
 $+80^\circ$, dropping Hg catode and Hg anode) was esta-
blished. Free from water $\text{Cd}(\text{NO}_3)_2$, CdCl_2 and
 $(\text{CH}_3\text{COO})_2\text{Cd}$ are soluble well in liquid ammonia

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POLAND/ Analytical Chemistry. Analysis of Inorganic Substances. G-2

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27155.

and produce well expressed waves when polarographed. The dependence between the magnitude of the diffusion current and the concentration of Cd^{2+} is linear. The half-wave potential for Cd^{2+}/Cd is equal to - 0.78 V.

Card 2/2

DATE: 09/21/2001 CIA-RDP86-00513R000618230010-0
Wojciech, Hubicki, W. POLAND/Analytical Chemistry - Analysis of Inorganic Substances E-2
Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24726
Author : Hubicki Włodzimierz
Inst : M. Curi-Sklodowska University.
Title : Polarographic Determination of Lead and Thallium in
Orig Pub : Ann. Univ. M.Curie-Sklodowska, 1955 (1957), AA10, 43-52
Abstract : A study of the possibility of utilizing liquid ammonia (LA) in polarography as solvents and primary solutions. LA readily dissolve many salts which are insoluble in liquid NH_3 and in water (for example, $PbSO_4$, PbI_2 , PbF_2). Use of LA, as compared with liquid NH_3 , has the further advantage that LA can be utilized at room temperature. It was ascertained that LA of ammonium salts are of acidic nature and dissolve a number of metals with evolution of

HUBICKI, W.

Stanislaw Ziemecki (1881-1956); an obituary. In French. p. 3.
(PHYSICA ET CHEMIA. Vol. 10, no. 1/7, 1955. Lublin, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

WITKIE, W.

Polarographic determination of lead and thallium in ammoniacal liquids. In
German. p. 43.
(PHYSICA ET CHEMIA. Vol. 10, no. 1/7, 1955, Lublin, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

URBICKI, W.

Chemistry and alchemy in the 16th century Poland. In German. p. 61.
(PHYSICA ET CHEMIA. Vol. 10, no. 1/2, 1955, Lublin, Poland)

SO: Monthly List of East European Accessions (EEAL) 12. Vol. 6, no. 12, Dec. 1957.
Uncl.

Hubicki, W.

POLAND / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38293

Author : Hubicki, W.; and Groszek, H.

Inst : M. Curie-Sklodowska University

Title : Potentiometric Titration of AgNO_3 Solutions in
Divers Liquid With the Aid of Na_2S .

Orig Pub : Ann Univ M. Curie-Sklodowska, (1956) (1958),
AAll, 23-28 (in German with Polish and Russian
summaries)

Abstract : The authors have developed a method for the po-
tenttiometric titration of Ag^+ in Divers Liquid
 $(\text{NH}_4\text{NO}_3 \cdot 2\text{NH}_3)$ (DL) with Na_2S dissolved in DL.
The titration is carried out in a special ther-
mostated chamber at 0° under an atmosphere of
 NH_3 with mechanical stirring (using a magnetic

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POLAND / Analytical Chemistry--Analysis of
inorganic substances.

E-2

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38293

stirrer) and using a silver or silver fluoride electrode (a silver foil covered by a film of AgF and immersed in a saturated solution of AgF and NaF in DL). The application of a k.e. calomel electrode is not feasible because of the disproportionation of Hg_2Cl_2 under the action of NH_3 . When a 0.0143 gm sample of $AgNO_3$ dissolved in 20 ml DL is titrated by the above procedure, the potential jump at the equivalence point corresponding to the formation of Ag_2S is 400 mv. The error in the determination is less than 1.8%. -- A. Nemodruk

Card 2/2

90

POLAND / Physical Chemistry. Electrochemistry.
Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41724
Author : Hubicki, Włodzimierz; Szteyn, Wanda
Inst Title : M. Curie-Sklodowska University
The Density and Electrical Conductivity of
Liquid Ammoniates NH_4NO_3 and LiNO_3
Orig Pub : Ann. Univ. M. Curie-Sklodowska, 1956
(1958), AAll, 29-37

Abstract : The density d and the specific conductivity κ of liquid ammoniates NH_4NO_3 (Dicker's Fluid) at $t = -25$ to 200°C , and of LiNO_3 at $t = 5-700^\circ\text{C}$, were measured. The curves of d and κ dependence on temperatures show a break at -50°C in the case of NH_4NO_3 , and at 200°C in the case of LiNO_3 .
B

Distr: 4B3d/4, b/c

7 Density and electric conductivity of liquid ammoniates of
NH₄NO₃ and LiNO₃. Włodzimierz Hubicki and Wanda
Steyn (Univ. Lublin, Poland). *Acta Univ. Mariae Curie-
Sklodowska, Lublin-Polenia*, Sect. AA, 11, 29-37 (1966).
(German summary).—Dry NH₄NO₃ and LiNO₃ were mixed
with gaseous NH₃ dried by adding metallic Na to liquid NH₃
and passing through a washer contg. Na ammoniate in
liquid NH₃, to give anhyd. liquid NH₄NO₃(NH₃)_n (I)
and LiNO₃(NH₃)_n (II). Ds. of I were: -25°, 1.000;
-20°, 1.008; -15°, 1.015; -10°, 1.020; -5°, 1.031;
0°, 1.039; 5°, 1.036; 10°, 1.128; 15°, 1.150; 20°, 1.178
g./ml. Ds. of II were: 0°, 1.038; 10°, 1.031; 14°, 1.071;
18°, 1.086; 22°, 1.100; 26°, 1.118; 30°, 1.123; 34°,
1.140; 38°, 1.158; 42°, 1.169; 46°, 1.181; 50°, 1.185;
54°, 1.215; 58°, 1.232; 62°, 1.250; 66°, 1.268; 70°,
1.275; and 74°, 1.295 g./ml. Ds. and elec. conductivities
varied linearly with temp. but with different slopes above
and below -5° and +20° for I and II, resp. Plots of mole
vols. did not indicate these possible transition points.

J. Szekli

Distr: 4E3d

Polarographic determination of iodate anions in the liquid ammoniate of NH_4NO_3 . Włodzimierz Hubicki and Jerzy Matysiak. (Univ. Lublin, Poland). *Amer. Acad. Mariae Curie-Skłodowska, Lublin, Polonia. Sect. AA*, 11, 39-45 (1958) (in German, Russian summary). — KIO_4 in NH_4NO_3 — $(\text{NH}_3)_2$ (Divers liquid) is reduced polarographically at —0.75 v. (with reference to Hg electrode). Wave height varied linearly with concn. P.d. would be higher if 0-electron reduction occurred; thus, formation of some compds. of I with N, such as I_3NH_3 , is suggested. — J. Steele

P/014/60/039/008/001/002
A224/A026

AUTHORS: Hubioki, Włodzimierz; Wiącek, Kazimierz; Wysocka, Janina

TITLE: A New Method of Lanthanum Isolation From a Mixture of Rare-Earth Elements

PERIODICAL: Przemysł Chemiczny, 1960, Vol. 39, No. 8, pp. 507 - 509

TEXT: A simple method of isolating lanthanum from a mixture of rare-earth elements is given. The method consists in repeated leaching of cerium-free lanthanides with an NH_4NO_3 solution. Experiments were conducted with phosphate concentrate originating from Kola apatites and containing about 15% of rare-earth elements. The concentrate was supplied by Docent Doctor T. Mazgaj, the Director of the Instytut Nawozów Sztucznych (Institute of Synthetic Fertilizers) in Tarnów. During the experiments, lanthanum oxide (La_2O_3) of about 99% purity was obtained after three leachings. The repetition of the process leads to a more complete isolation of lanthanum oxide from the mixture. There are: 1 figure, 1 table and 10 references: 4 German, 4 English and 2 Soviet.

ASSOCIATION: Katedra Chemii Nieorganicznej Uniwersytetu Marii Curie-Skłodowskiej w Lublinie (Department of Inorganic Chemistry at the Maria Curie-Skłodowska University in Lublin)

SUBMITTED: March 23, 1960

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11-10-84, 11-22-91 K.L.

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MJC(JD)

1

Distr: 4E2c(m)

✓ Polarography in liquid NH₃ above its critical temperature.
Włodzimierz Hubicki and Michałina Dubkowska (Univ.
Maria Curie-Skłodowska, Lublin, Poland). *Acta Chem.*
33, 90-92 (1981). — Li perchlorate hydrate, prep'd. by treating
dil HClO₄ with Li₂CO₃, is converted to the ammoniate by
passing dried NH₃ through the melt. The formula is
LiClO₄·NH₃ (at 25°). It yielded well-defined and re-
producible current-voltage curves. The slope of the
residual current was negligible. Decompr. occurred at a
more neg. potential (−1.7 v.) than for any other liquid am-
moniates studied. Waves are shown for Pb⁺⁺, Zn⁺⁺,
and Cd⁺⁺ at temps. above room. Reduction of Pb⁺⁺
was reversible, Zn⁺⁺ irreversible, and Cd⁺⁺ reversible
only at higher temps.

Paul D. Germ

IP

HUBICKI, W.; MATYSIK, J.

Oscillopolarographic behavio^r of platinum metals in the
anhydrous $\text{NH}_4\text{NO}_3 \cdot n\text{NH}_3$ medium. Chem zvesti 18 no.5/6:403-406 '64.

1. Institute of Inorganic Chemistry, M. Curie-Sklodowska University,
Lublin.

HUBICKI, Waclaw, mgr. inz.; STABIK, Jan mgr. inz.

Power tunnel driving for the water dam in Tresna near Zywiec.
Przegl gorn 19 no.5:207-212 My '63.

Hubík, J.

CZECH

Determination of the value of the ergot of moergass. CH
'Molinia caerulea' Zd. Blatčík and J. Hubík (Univ. of
Prague) Českos. Lékařská Lekárnická 43, 10-16000;
Česk. Zdrav. 1951, II, (1952) 30. - Colorimetric detn. of the
alkaloid content of the ergot of moergass (cf. Smith, C.A.
42, 11354) showed a total alkaloid content of 0.505% with
an ergot to ergol alkaloid ratio of 95.22 to 4.78. M. G. M.

Magazine equipment on single-spindle automatic lathes. Proj
vyr 17 rev. 1748 750. O '64.

1. Kovosud National Enterprise, Gerasovo, Moldova.

HUBIK, J.

The effect of the temperature on alkaloids in ergot. Cas. cesk. lek.
Ved. priloha. 63 no.7-8:89-105. 1950. (CIML 20:4)

CA HUBIK, J.

17

The content of azulenogenin in water preparations of
camomile. Z. Blásek and J. Hubík (Univ. Prague).

Czechoslov. farm. 1, 170-6(1952).—Azulenogenin (I) were
detd. in various water preps. From the ground-up plant
80% and from the unground plant 48% of the I were ob-
tained by the extr. In an extr. the best relation between
drug and water is 5:250 (by wt.), and the extrn. lasting 15
min. Dagmar Hubíková

CH 11-20-2
Pharmaceuticals - medicines
Perfumes 17

The content of azulenogen in water preparations of camomile. II. Azulenogen in infusions, macerates, and extracts prepared by digestion. Z. Blažek and J. Hubík (Univ. Prague). Českoslov. farm., 1, 310-3 (1963); "C."

C.A. 46, 10544. -- In infusions the content of azulenogen (I) diminishes in accordance with the prolongation of time of boiling. In macerates neither the temp. nor the time of extn. has any influence on the content of I. D. H.

HUBIK, J.

Method of determination of saponin drugs. Cesk. farm. 1 no. 9:529-532
1952.
(CMLL 23:4)

CA

17

Variation in the content of cineoleic compounds in the flower of *Matricaria chamomilla* during the course of the day. Z. Bládel and J. Hubál (Charles-Univ., Prague). *Pharmazie* 7, 180-2 (1952); cf. following abstr.—A no. of samples of different origin, taken at different times of day, were dried, distil., and camphene (I) was detd. in the distillates. During dry, sunny periods, I content was at a max. between noon and 1 p.m. and again at 1 a.m. and at a min. at 7 p.m. Edward H. Sheers

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Pharmaceuticals, Cosmetics, and
Perfumes

The influence of temperature and manner of storage on the content of azulenogens in the infusion of camomile. Z. Blažek and J. Hubík (Univ. Prague). Českoslov. farm. 2: 15-17 (1953); cf. C.A. 47, 5071b. — The azulenogens were found most stable at 4°; their decompn. increased at higher temps., up to 40°. D. Hubíková

Hubšák, J.

✓ Blažek, Z., Kudela, M., and Hubšák, J. Léčivé Rostliny
Využívané ve Špíbu a v Kultuře. Prague: Z. Nakladatelství. 1931.
Reviewed in Přírodnictví 9, 276 (1961).

(2)

VACEK, Jan; HUBIK, Josef

II. national conference of the pharmaceutical section of the
Czechoslovak medical association J.E.Purkyne. Cesk. farm. 3
no.9:297-300 Nov 54.

(PHARMACY
in Czech., conf.)

KINDRA, A.; HUBIK, J.

Conference of the section of pharmacy of the J.E. Purkyne
Czechoslovakian Medical Society in Luhacovice. Cesk.farm.
4 no.6:280-282 Jl '55.

(PHARMACY,
in Czech.,conf.)

CZECHOSLOVAKIA

HUBIK, J., Dr. Magister of Pharmacy, Drugs Control State Institute (Statni ustav pro kontrolu leciv), Prague.

"Saponins. I. Properties, Identification, and Determination"

Prague, Ceskoslovenska Farmacia, Vol XIII, No 6, July 1963, pp 316-329.

Abstract: The paper contains no original information. It describes properties of saponins, their classification, identification in drugs, and methods of determination (physical, chemical and biological methods). A brief evaluation of the methods described is given. Two-hundred and eighty-eight references, including 2 Czech, 1 Slovak, and 5 Russian.

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HUBIK, J.

Saponins. I. Importance, methods of identification and
determination. Cesk. farm. 17 no.6:316-329 Jl '63.

1. Statni ustav pro kontrolu leciv, Praha.
(SAPONINS) (CHEMISTRY, PHARMACEUTICAL)
(HEMOLYSIS)

HUBIK, J., dr. PhMr.,(Praha 10, Srobarova 48)

Determination of the acid value of benzoin using conductometric titration. Cesk. farm. 14 no.8:425-427 0 '65.

l. Statni ustav pro kontrolu leciv, Praha. Submitted June, 14, 1965.

ZATHURECKY, L.; KRUPA, V.; ROCHOVA, M.; HUBIK, J.

Stability of the fat in wool in the presence of some anti-
oxidants. Cesk. farm. 14 no.1:2-8 Ja '65

1. Farmakologicky ustav Ceskoslovenskej akademie ved,
Pracovisko Bratislava.

JURECEK, M.; HUBIK, M.; VECERA, M.

Identification of organic compounds. Part 34: Identification of
aliphatic ether. Coll Cz Chem 1458-1467 My '60.

1. Institut fur analytische Chemie, Technische Hochschule fur
Chemie, Pardubice und Forschungsinstitut fur organische Synthesen,
Pardubice-Rybitvi.

HUBIK, Rudolf, Assistant of the Institute of Microbiology VSV.

Sixth Congress of Czechoslovak Microbiologists. Cas. cesk. vet.
5 no.20-21:535-539 10 Nov 50. (CLMOL 20:4)

H. BIK, Rudolf, M.Dr.

Cultivation of foot and mouth disease virus on cattle tongue
mucous membrane kept alive according to the Frenkel method.
Veter medicine 8 no.3:153-164 Ny '63.

1. Bioveta National Enterprise, Terezin. Director of the Enterprise
[MVDr.] Rudolf Dombek.

CZECHOSLOVAKIA

HUBIK, R.; LAZNICKA, F.; BAREK, B.; Bioveta, National Enterprise (Narodni Pôdnik), Terezin.

"A Concentrated Saponin Vaccine Applied Against the Foot-and-Mouth Disease. I. Production and Study of the Effectiveness of a Mono-valent Saponin Vaccine Against Foot and Mouth Disease."

Prague, Veterinarni Medicina, Vol 11, No 5, May 66, pp 295 - 302

Abstract [Authors' English summary modified]: An inactivated mono-valent saponin vaccine was prepared from foot and mouth virus in vitro; this vaccine establishes an immunity in adult cattle for 3 months. The immunity to infection lasts for 4-5 months, but the content of SN antibodies begins to decrease after 3 months. Re-vaccination should be carried out 2-3 months after the preceding vaccination. The vaccine is produced in vitro. 4 Figures, 17 Western references. (Manuscript received 30 Dec 65).

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POIAK, Ladislav

CZECHOSLOVAKIA

MVDr

MZLNH, Prague

Prague, Veterinarstvi, No 11, Nov 62, pp 324-325.

"Present Epizootic Aphtha Type SAT 1 in the Near East and Europe"

Co-author:

HUBIK, Rudolf, MVDr, Bioveta, Terezin

CZECHOSLOVAKIA

HuBíK, Rudolf, Dr of Veterinary Medicine, Bioveta National Enterprise, Terezin, Rudolf DOMBEK, director.

"Cultivation of the Virus of the Foot-and-Mouth Disease on Surviving Mucous Membranes From Cattle Tongues By Means of Frenkel's Method"

Prague, Veterinarni Medicina, Vol 8 (36), No 3, May 1963,
pp 153-164.

Abstract [Author's German summary, modified]: The virus of the foot-and-mouth disease was adjusted to the new type of culture by a gradual addition of the original natural virus in three, or eight to ten stages. Growth curves of the virus were determined. The immunization value of the virus produced by this method was proved by means of experimental vaccines administered to cattle. Tables and graphs. Thirty-four references, including 2 Czech.

1/1

HUBINSKY, Jan

Melioracie. Docasna ucebna pomocka pre posluchacov Agronom. fakulty
VSP. (Ameliorations; a temporary teaching aid for the students of the
Agronomic Faculty of the College of Agriculture. a university textbook.
illus., bibl., tables) Bratislava, Slov. vyd. podohosp. lit., 1957. 162 p.
Vol. 169 of the series Ucebnice (Textbooks).

Bibliograficky katalog, CSR, Slovenske kihy, Vol. VIII. 1957. No.9. p.281.

HUBKA, J.

HUBKA J., DRASNAR J.

Narcamon Anesthesia in gynecological operations of short duration.
Cesk. gyn. 15:4-5 1950. p. 374-81

1. Of the Third Gynecological and Obstetrical Clinic. (Head --
Prof. Jiri Trapl, M. D.), Charles University, Prague.

CLML 19, 5, Nov., 1950

HUBKA, J.

Suction from the smoke box to the slide valves and cylinders. p. 62. February 16, Rumanian Railroad Employees Day; the 20th anniversary of the big strike of railroad workers in Grivica. p. 63. Progress of Rumanian railroad transportation since the liberation. (To be contd.) p. 64.
(ZELEZNICE., Vol. 3, no. 3, Jan. 1951, Czechoslovakia)

SO: Monthly List of East European Accession, Vol. 2 #8, Library of Congress,
August 1953, Uncl.

SILVAY, J.; SISKA, K.; HUBKA, M.; SUJANSKY, E.

Hematological changes in extracorporeal blood circulation in experimental conditions. Bratisl. lek. listy 44 no.4:223-229 '64.

1. Oddelenie experimentalnej chirurgie Ustavu experimentalnej mediciny SAV; veduci: akademik CSAV K.Siska.

*

HUBKA, M.; SUJANSKY, E.; SILVAY, J.; FEDELESOVA, M.; ZIEGELHOFFER, A.

Current status of the problem of artificial asystoles. Bratisl.
lek. listy 43 Pt. 2 no.4:185-189 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimen-
talnej mediciny SAV v Bratislave, veduci akademik CSAV K.
Siska.

(HEART ARREST) (HEART SURGERY)
(HEART, MECHANICAL) (HYPOTHERMIA, INDUCED)
(POTASSIUM) (MAGNESIUM SULFATE) (NEOSTIGMINE)

HUBKA, M.; FEDELESOVA, M.; ZIEGELHOFFER, A.; SUJANSKY, E.; SILVAY, J.

Changes in glycide and energy metabolism of the myocardium
during artificial asystoles under experimental conditions.
Bratisl. leky 43 Pt. 2 no. 4:189-196 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimen-
talnej mediciny SAV v Bratislave, veduci akademik CSAV
K. Siska.

(HEART ARREST) (HEART MECHANICAL) (MYOCARDIUM)
(ENERGY METABOLISM) (HYPOTHERMIA, INDUCED)
(CARBOHYDRATE METABOLISM) (GLUTATHIONE)
(ASPARTATE AMINOTRANSFERASE)
(ADENINE NUCLEOTIDES)

HUBKA, M.; ZIEGELHOFFER, A.; FEDELESOVA, A.; SILVAY, J.; SUJANSKY, E.

Changes in the acid-base equilibrium and concentration of cations in artificial asystoles under experimental conditions. Bratisl. lek. listy 43 Pt. 2 no.4:197-204 '63.

1. CSAV - Oddelenie experimentalnej chirurgie Ustavu experimentalnej mediciny SAV v Bratislave, veduci akademik CSAV K. Siska.

(ACID-BASE EQUILIBRIUM) (HEART ARREST)
(HYPOTHERMIA, INDUCED) (OXIMETRY) (SODIUM)
(POTASSIUM) (CALCIUM) (HEART, MECHANICAL)

ZUCHA, J.; GRUNERT, V.; HUEKA, M.

Treatment of malignant brain tumors by perfusion of cytostatics.
Bratisl. lek. listy 44 no.1:46-51 '64.

1. Neurochirurgicke oddelenie KUNZ v Bratislave (veduci: doc.
MUDr. J. Zucha) a Laboratorium experimentalnej chirurgie UEM
SAV v Bratislave (veduci: akademik K. Siska).

*

1. Z Ustavu unitej anatomic, prednosta dr. M.Kratochvil, z I.

KRATOCHVIL, M.; SIMKOVIC, I.; HUBKA, M.; HUTAN, L.

Technic of portacaval anastomosis with Eck's and Pavlov's fistulas
experimental studies. Bratisl. lek. listy 34 no.7:727-740 July 54.

1. Z Ustavu unitej anatomic, prednosta dr. M.Kratochvil, z I.
chirurgickej kliniky, prednosta prof. dr. K.Carsky, a z II. chirurgickej
kliniky LFŠU v Bratislave, prednosta clen coresp. SAV K.Siska.

(FISTULA, experimental,

Eck's & Pavlov, technic of portacaval anastomosis in)

(VENAE PORTAL SYSTEM, surgery,

portacaval anastomosis in Eck's & Pavlov's fistulas)

(VENAE CAVAE, surgery,

portacaval anastomosis in Eck's and Pavlov's fistulas)

HUBKA, M.

KRATOCHVIL, M.; SIMKOVIC, I.; HUBKA, M.; HUTAN, L.

Problem of utilization of nitrogen from protein hydrolysates.
Bratisl. lek. listy 34 no.7:741-757 July 54.

1. v I. Chirurgickej klinike, prednosta prof. dr. K.Carsky, a v II.
chirurg. klinike, prednosta clen korespondent SAV K.Siska, a v Ustavu
uzitej anatomic v Bratislave, prednosta dr. M.Kratochvil.

(NITROGEN, metabolism,
utilization from protein hydrolysates in dogs, determ.
with Eck's & Pavlov's fistulas)

(PROTEINS,
hydrolysates, utilization of nitrogen from protein
hydrolysates, determ. with Eck's & Pavlov's fistulas)

SIMKOVIC, J.; HUBKA, M.; KOSTELINY, J.; SCHWORRER, M.

Effect of hypothermia on circulation. Polski tygod. lek. 13 no.31:
1181-1187 4 Aug 58.

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w Bratyslawie; kierownik Akademii DAV prof. dr K. Siska. Adres: Poznan,
ul. Szkolna 8/12. Doc. dr Jan Moll.

(HYPOTHERMIA, eff.

on blood circ. in dogs (Pol))

(BLOOD CIRCULATION, physiol.

eff. of hypothermia in dogs (Pol))

HUEKA, Michal

The importance of asystole induced by potassium citrate in heart surgery with extracorporeal blood circulation. Lek. prac. [Biol. lek.] 1 no.1:1-71 '61.

(HEART ARREST) (HEART MECHANICAL)
(POTASSIUM pharmacol) (CITRATES pharmacol)

GUBKA, M. [Hubka, M.] (Chekhoslovakiya)

Carbohydrate metabolism in the myocardium in cardiac arrest induced
by various methods. Grud.khir. no.4:96-99 Jl-Ag '62.

(MIRA 15:10)

(HEART FAILURE)

(HEART MUSCLE)

(CARBOHYDRATE METABOLISM)

$\mathcal{F} = \{f_i(t)\}_{i=1}^n$.

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CSO: 2000-8

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9. "The Activities of Commissariat of Agriculture," *V. V. Tikhonov* in: *Proc. of the International Congress (Bacteriological Union) on the History and Present State of Bacteriology of Soils*; director: *J. T. Tihomir*, No. 10, section on disease, pp. 307-312.

10. "From the Activities of the J. T. Tihomir International Bacteriological Society -- The First Regular Session of the International Congress of Bacteria in S. P. Borki, science chairman," *V. V. Tikhonov*, *Proc. of the First International Bacteriological Congress (Last Invitations)*, pp. 1-12 (Russian summary).

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APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618230010-0"

HUBKA, M.

Bratislavské Bratislavské Léky, Vol. 1, No. 9, 1962
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1. Professor Václav RABATI, MD and Doctor of Sciences, is fifty, "editorial" pp 212-222.

2. Postoperative Complications and After-Treatment in Patients Having Undergone an Operation Using Extracorporeal Circulation, by K. ŠIMČÍK, J. ŠTĚPÁNKA, R. VAVROVÁ, N. ŠIMČÍKOVÁ, V. ČERNÝ, M. ŠIMČÍKOVÁ and D. ČERNÝ, pp 223-230, Clinic at the Faculty of Medicine of Comenius University (The orthopaedic clinic of the Faculty of Medicine of Comenius University in Bratislava, headed by (professor) K. ŠIMČÍK, corresponding member of the CAS (Academy of Sciences of the Czechoslovak Academy of Sciences), pp 233-235 (English summary).

3. "Controversial Problems in the Diagnosis of Bone Tumors and Related Bone Aliments," by J. ČERNÝ, MD, orthopaedic (orthopedic) and orthopaedic member of the CAS (Academy of Sciences of the Czechoslovak Academy of Sciences) and B. ČERNÝ, of the Orthopaedic Clinic (Orthopedic Clinic) at the Medical Faculty of Comenius University (see 2) in Bratislava, pp 235-248 (English summary).

4. "Therapeutic Osteosynthesis Plaster and Crural Circular Plaster in Surgery Results in 55 Cases," by docent J. MÍČEK, MD, head of the Clinic of Plastic and Reconstructive Surgery (Plastic Surgery) a member of the Medical Faculty of Comenius University (see 2) in Bratislava, pp 249-256 (English summary).

5. "Non-Specific Ulcerations of the Small Intestines," by K. ČERNÝ or the No. 1 Surgery Clinic at the Medical Faculty of Comenius University (see 2) in Bratislava, headed by professor K. ČERNÝ, MD pp 256-258.

6. "On the Problem of Intramuscular Implantation of Autografts in America at the End of Increasingly Increased Blood Flow," by J. H. HARRISON of the Surgical Clinic at the Medical Faculty of P. J. ŠAFER (The Faculty of Medicine of Comenius University in Bratislava, headed by professor J. KUDLÍČEK, MD, 1967, pp. 259-269 (English summary).

7. "On the Problem of Infection in the Posterior Treatment of Postural Fibroses and Fibrotic Tissue in the Limbs," by M. KUDLÍČEK, O. KUDLÍČEK, Z. ČALUŠOVÁ, I. HORNÝ and H. ČERNÝ, from the Clinic of Orthopaedics (Orthopaediatrics) of the Faculty of Medicine of Comenius University in Olomouc, headed by docent V. VÁCLAV (D), the Surgery Clinic (Chirurgická Klinika) of the Faculty of Medicine of Comenius University, headed by professor M. RABATI, MD and Doctor of

SHISHKA, K. [Siska, K.]; SHIMKOVITS, I. [Simkovic, I.]; GUBKA, M. [Hubka, M.];
SMRECHANSKIY, V. [Smrecansky, V.]; SHNORER, M. [Snorer, K.]

Surgery using an apparatus for extracorporeal circulation.
Khirurgia no.9:18-22 '62. (MIRA 15:10)

1. Iz 2-y khirurgicheskoy kliniki meditsinskogo fakul'teta Universi-
teta imeni Komenskogo v Bratislave i otdeleniya eksperimental'noy
khirurgii (zav. - akad. K.Shishka) Instituta eksperimental'noy
meditsiny Slovatskoy akademii nauk.
(PERFUSION PUMP (HEART))

НуВКН, 1h.

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HUBKA, M. (DR.)

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SISKA, K.; SIMKOVIC, I.; VANZUROVA, E.; SCHNORRER, M.; SMRECANSKY, V.;
HUBKA, M.; ONDROUCHOVA, D.

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nosta clen koresp. CSAV K. Siska.

(HEART MECHANICAL) (HEART SURGERY compl)
(POSTOPERATIVE CARE)

HUBKA, M.; FEDELESOVA, M.; ZIEGELHOPFER, A.; SILVAY, J.; SUJANOVY, E.

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(HEART, MECHANICAL) (ACID-BASE EQUILIBRIUM)
(HYPOTHERMIA, INDUCED)

HUBKA, M.; SILVAY, J.; SUJANSKY, E.; ZIMA, P.; HOLEC, V.

Evaluation of the physiological parameters of the type 3
apparatus for extracorporeal blood circulation. Bratisl. lek.
listy 63 no.3:130-135 '63.

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(HEART, MECHANICAL)

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(AORTIC VALVE DISEASES) (HEART SURGERY)
(HEART, MECHANICAL)

SILVAY, J.; HUBKA, M.; SUJANSKY, E.

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(HEART, MECHANICAL) (HEART ARREST)
(LEUKOCYTE COUNT) (ERYTHROCYTE COUNT)
(HEMOGLOBINOMETRY) (HEMATOCRIT)
(BLOOD PLATELETS) (CORONARY VESSELS)
(POTASSIUM)

HUBKA, M.; SUJANSKY, E.; SILVAY, J.; GRUNERT, V.

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extracorporeal circulation. Rozh. chir. 42 no.9:585-589
S '63.

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mediciny SAV v Bratislave, veduci akad. K. Siska Neurologicka
klinika Lekarskej fakulty UK v Bratislave, prednosta doc. J.
Zucha.

(ISOLATION PERFUSION) (HEART MECHANICAL)
(ANTINEOPLASTIC AGENTS) (CYCLOPHOSPHAMIDE)
(BRAIN NEOPLASMS)

HUBKA, M.; SISKA, K.; BOLF, J.; SUJANSKY, E.; SILVAY, J.

Evaluation of different types of artificial valves. Bratisl.
lek. listy 63 no. 3:154-161 '63.

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(HEART VALVES) (AORTIC VALVE) (HEART SURGERY)
(HEART, MECHANICAL) (ARTIFICIAL ORGANS)

SISKA, K.; HUBKA, M.; SUJANSKY, E.; SILVAY, J.

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(AORTIC VALVE) (HEART SURGERY)
(HEART, MECHANICAL) (ARTIFICIAL ORGANS)

FEDELESOVA, M.; ZIEGELHOFFER, A; HUKA, M.; Technicka spolupraca;
CERNUSAKOVA, M.; HROCHOVA, L.; BRICHTOVA, A.

A study of the changes of various substrates and of enzyme
activity in mitochondria of the isolated dog heart after
hypothermic storage. Bratisl. lek. listy 45 no. 5:265-272
15 Mr '65

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(riaditeľ: akademik K. Siska).

HUBKA, M.; SISKA, K.; BROZMAN, M.; HOLEC, V.

Homotransplantation of the mitral valve. Bratisl. lek. listy
45 no.11:641-651 15 Je '65.

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(riaditeľ: akademik Československej akademie ved prof.
K. Siska, DrSc).

HOLEC, V.; SISKA, K.; HUBKA, M.; ZIMA, P.

Venous pressure changes in the portal vein during an extra-corporeal circulation experiment. Bratisl. lek. listy 45 no.7:390-397 15 Ap '65.

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Present status of autotransplantation and homotransplantation
of heart valves, Bratisl. lek. listy 45 no.2:116-125 31 Jl '65.

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(riaditeľ akademik Československej akademie ved K. Siska).

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ACC NR: AP6026850

SOURCE CODE: CZ/0060/66/000/002/0078/0080

AUTHOR: Klesnil, Svatopluk (Lieutenant colonel; Doctor of medicine); Hubka, Stanislav—
Gubka, S. (Lieutenant colonel; Doctor); Brzokoupil, Oldrich (Major; Doctor of medicine)

ORG: Military Hospital, Olomouc (Vojenska nemocnice)

TITLE: Medical evacuation ²² of soldiers suffering from spinal disorders under field
conditions. This paper was presented at the Armed Forces Conference held at the
Military Hospital in Olomouc on 16 October 1964.SOURCE: Vojenske zdravotnické listy, no. 2, 1966, 78-80

TOPIC TAGS: army medicine, bone disease, therapeutics

ABSTRACT: In a military ambulatory hospital out of 300 patients treated in 1964, 41% suffered from spinal disorders. As during periods of hostilities the load on a soldier would be increased, the authors assume that the number of soldiers needing medical help would increase, and therefore a study of the means by which they could be sent to military hospitals was made. All cases of tumors, or chronic inflammation of spinal discs should be sent to military hospitals. Chiropractic treatment in field hospitals should be made available. Details of this treatment are discussed.

JPRS: 36,834

SUB CODE: 06 / SUBM DATE: none

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UDC: 356.33: 616.711-06-08

HUBKA, V., inz.

Problems of designing and projecting. Tech praca 17 no.3;216-
218 Mr '65.

GUBKIN, V.A. [Hubkin, V.A.]

X-ray examination of the motor and evacuatory functions of the stomach following the use of food of various physical and chemical properties. Fiziol.zhur. [Ukr.] 11 no.4:537-540 Jl-Ag '65.
(MIRA 18:10)

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HATALA, M.; PRAT, V.; BENESOVA, D.; Technicka asistence: CAPKOVA, E.;
DIVIS, Z.; VIIMAROVA, H.; DVORAKOVA, J.; HUBKOVA, M.

Coli bacillus bacteremia in rabbits with normal kidneys. Cas.
lek. cesk. 102 no.27/28:768-772 8 Jl '63.

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prof. dr. B. Spacek Ustav pro choroby obehu krevniho v Praze,
prednosta doc. dr. J. Brod. Katedra patologicke anatomie a
mikrobiologie fakulty detskeho lekarstvi KU v Praze, prednosta
prof. dr. V. Kubelka.

(ESCHERICHIA COLI INFECTIONS) (SEPTICEMIA)
(PYELONEPHRITIS) (URINARY TRACT INFECTIONS)
(KIDNEY)

BOLESLAV, Frantisek, inz. (Gottwaldov); HUBL, Frantisek (Malenovice)

A device for discovering hidden defects of high-voltage cable
insulation under operation. Energetika Cz 13 no.4:228 Ap '63.

HYKOWSKI, H.; PRASZALOWICZ, B.; KAZIMIERCZAK, J.; PANASEWICZ, J.; HUBL, S.

Experimental assay with control of ventricular fibrillation in bloodless heart surgery in hypothermia. Acta physiol. polon. 8 no.3:515-517 1957.

1. Z II Zakladu Chirurgii Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich Kierownik: prof. dr J. Rutkowski Z Kliniki Chirurgicznej Instytutu Hematologii Kierownik: doc. dr A. Trojanowski Z Zakladu Fizjopatologii Instytutu Hematologii Kierownik: kand. nauk med. J. Panasewicz Prace wykonano w ramach tematyki Komisji Patogenezy Watrzasow Polskiej Akademii Nauk.

(HYPOTHERMIA, experimental,
in heart surg., prev. of ventric. fibril. (Pol))

(HEART, surgery,
exper. bloodless with hypothermia, prev. of ventric. fibril.
(Pol))

(VENTRICULAR FIBRILLATION, prevention and control,
in exper. heart surg. with hypothermia (Pol))

RYKOWSKI, Henryk, PRASZAKOWICH, Bronislaw, KAZIMEIRZAK, Jerzy, PANASIEWICZ,
Jozef, HUBL, Stanislaw, DAROCHA, Tadeusz

Open heart experiments in hypothermia; attempted prevention of
ventricular fibrillation and cardiac arrest. Polski tygod.lek.
13 no.16:581-588 21 Apr 58

1. (Z II Zakladu Chirurg I.D. i S.K.L.; kier, prof dr. J. Rutkowski,
z Oddz. Chir. Inst. Hematologii; kier., doc dr. A. Trojanowski i z
Zakl. Fizjopatologii Inst. Hematologii; kier. dr. J. Panasewicz.
Adres autora: Warszawa, Nowolipki 15 m. 33, 62, 46.

(HEART, surgery,
exper. open heart surg. with hypothermia, prev. of
cardiac arrest & auric. fibrill (Pol))

(CARDIAC ARREST, prevention and control,
in exper. open heart surg. with hypothermia (Pol))

(AURICULAR FIBRILLATION, prevention and control,
same (Pol))

(HYPOTHERMIA, experimental,
in open heart.surg., prev. of cardiac arrest & auric.
fibrill. (Pol))

RYKOWSKI, Henryk; JWOCZYNSKI, Jan; PANASEWICZ, Jozef; JARKOWSKA, Maria; MIJALSKA, Krystyna; HUBL, Stanislaw

Controlled arrest of cardiac functions in experimental open heart surgery with hypothermia. Polski przegl. chir. 30 no.5:567-570 May 58.

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(HEART, surgery,

exper. open heart surg. in hypothermia, controlled cardiac arrest (Pol))

(HYPOTHERMIA, experimental,
in open heart surg. with controlled cardiac arrest (Pol))

HUBL., Stanislaw T.

Difficulties in the differentiation of cancer from ulcer of the stomach with the aid of radiological studies. Polski przegl. chir. 33 no. 7/; 744-745 '61.

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(PEPTIC ULCER radiog) (STOMACH NEOPLASMS radiog)

HUEL, V.

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SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

HUBL, V.

World development of power equipment; research and development of steam boilers from the point of view of the 5th World Conference on Power in Vienna. 2d supplement p. 3
(Energetika. Vol. 7, no. 3, Mar. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

HUEBL, V.

New trends in the development of steam boilers.

P. 276, (Strojoelekrotechnicky Casopis) Vol. 8, no. 5, 1957, Praha, Czechoslovakia

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Pravda 5/2/54

MEET. A.

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SC: Monthly List of European Accusation (EAL), 1G, Vol. 4, No. 6, June 1955, Uncl.

HURNER, A.

HUBNER, A. Report on a scientific-technical congress concerning
zinc and lead. p. 68.

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TECHNOLOGY
Czechoslovakia

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HUBNER, A., inz.

Conference on processing manganese ore of Chvalatice. Hut
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CHRVAJKA, J., inz.; HUBNER, A., inz.; MUDRICK, J., inz.; HUGNER, L., inz.

Present state of the pyrometallurgical extraction of nonferrous metals in Czechoslovakia. Rudy 12 no.7/8:321-323 Jl-Ag 1964
(MIRA 17:3)

1. Ministry of Metallurgical Industry and Ores Mines, Prague.

HUBNER, A., inz.

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DOBIALS, Bohuslav, inz., ScC.; HUBNER, Arnost, inz.

Examination of the flotation of pyrites from manganese-pyritic ore after its leaching by sulfuric acid, Rudy
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1. Hutnický ustav, Československá akademie věd, Praha.

GOSZTONYI, Sandor; LEHR, Ferenc, a muszaki tudomanyok kandidatusa;
FICHTNER, Kurt; MARECKI, Jacek, prof., dipl. ing. (Lengyelorszag);
WRESNICKI, Romuald; BURSZTYNSKI, Janusz; HURNER, Ewald;
KIEFER, Erich; BOIE, Werner, prof., dr. ing. (Nemet Demokrati-
kus Koztarsasag); BOSNIC, Cedomir (Jugoszlavia); ZILBER,
Aleksander (Lengyelorszag); GRUBER, S.M. (Anglia); STANCESZKU,
Ian, prof. (Romania); BONKALO, Tamas, dr.; ENDRENYI, Sandor;
KATONA, Kalman; KOHARY, Lajos

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industry. Ipari energia 3 no.1/2:32-38 Ja-F '62.

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Gosztonyi). 2. Konnyuipari Tervezo Iroda (for Lehr). 3. Textili-
pari Kutato Intezet (for Bonkalo). 4. Papiripari Kutato Intezet
(for Endrenyi).

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Simple method for the performance of experimental surgery on the ascending aorta. Kiserletes orvostud. 10 no.4:388-390 Aug 58.

1. Pecsi Orvostudomanyi Egyetem Sebeszet i Anatomiai es Muttani Intezete.
(AOARTA, surg.
exper., simple technic for isolation of ascending aorta
from circ. system in dogs (Hun))

SZOLLOSSY, L.; TOROK, B.; HUBNER, H.

Possibilities of surgical treatment of aortic insufficiency; experimental study. Acta med. hung. 12 no.3-4:215-228 1958.

1. Institut for Chirurgische Anatomie und Operationslehre der Medizinischen Universitat, Pecs.

(AORTIC VALVE, surg.
exper., form. from vasc. wall in dogs (Ger))

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Serological proof of toxoplasmosis in certain domestic as well as some wild animals. Cesk. epidem. mikrob. imun. 7 no.6:396-402 Nov 58.

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(TOXOPLASMOSIS, epidemiol.

in domestic & wild animals in Czech., serol. diag. (Cz))
(ANIMALS, dis.

toxoplasmosis in domestic & wild animals in Czech., serol. diag. (Cz))

HAVLIK, Otto; HUBNER, Jiri

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1. Ustav epidemiologie a mikrobiologie v Praze, O. H. Praha 12 Srobarova 48.

(LEPTOSPIROSIS, transm.
Leptospira grippotyphosa isolation from weasels (Cx))

HAVLIK, O.; HUBNER, J.

Findings of toxoplasmosis among cats in czechoslovakia. J.hyg.
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1. Institute of Epidemiology and Microbiology, Prague.
(TOXOPLASMOSIS epidemiol.)
(CATS dis.)

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Occurrence of toxoplasmosis in Czechoslovakian breeds of rabbits.
Cesk.epidem.mikrob.imun. 9 no.1:16-22 Ja '60.

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(TOXOPLASMOSIS transp.)

POKORNY, Jan; HUBNER, Jiri; ZASTERNA, Milan

Isolation of strains of *Toxoplasma gondii* in some domestic and
wild animals. *Cesk. epidem. mikrob. imun.* 10 no.5:323-329 8 '61.

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(TOXOPLASMOSIS Veterinary) (ZOOSES)

HUENER, Jiri

Certain ground beetles in northwestern Bohemia (Col., Carabidae).
Cas entom 58 no.2:208 '61. (EEAI 10:9)

1. Ceskoslovenska spolecnost entomologicka, Praha.

(Beetles)

POKORNY, J.; ZASTERA, M.; PRIVORA, M.; HUBNER, J.; JELEN, P.

Experiments on recovery of a breed of laboratory rats infected with
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náučních lecitiv v Praze.

(LEPTOSPIROSIS experimental)
(OXYTETRACYCLINE pharmacol)
(CHLORTETRACYCLINE pharmacol)

~~ZAVADA~~, Milan; HUBNER, Jiri; POKORNY, Jan

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